

# Comparisons of Job Characteristics

**Focus Occupation:** [Roustabouts, Oil and Gas \(47-5071\)](#)

**Associated Occupation:** [Maintenance Workers, Machinery \(49-9043\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 80

**Focus Occupation:** Roustabouts, Oil and Gas (47-5071)

**Associated Occupation:** Maintenance Workers, Machinery (49-9043)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	21.8	14.3	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	10.8	8.4	<	Expanded education and/or training may be required
Building and Construction	4.0	10.3	6.2	<<	Extensive education and/or training may be required
Design	5.2	9.2	7.1	<	Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 82

**Focus Occupation:** Roustabouts, Oil and Gas (47-5071)

**Associated Occupation:** Maintenance Workers, Machinery (49-9043)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Equipment Maintenance	3.5	11.9	8.0	<<	Extensive development of skills in this area may be required
Operation Monitoring	6.6	11.9	10.4	<	A higher skill level may be required
Repairing	3.4	11.8	9.6	<	A higher skill level may be required
Troubleshooting	4.5	11.0	7.7	<<	Extensive development of skills in this area may be required
Operation and Control	5.4	10.6	9.5	<	A higher skill level may be required
Quality Control Analysis	5.9	10.0	8.7	<	A higher skill level may be required
Equipment Selection	3.3	8.5	7.0	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 81			
Focus Occupation: Roustabouts, Oil and Gas (47-5071)					
Associated Occupation: Maintenance Workers, Machinery (49-9043)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Arm-Hand Steadiness	6.8	10.7	10.7	0	Current ability level may be sufficient
Visualization	7.5	10.0	9.2	0	Current ability level may be sufficient
Reaction Time	4.8	8.4	9.2	0	Current ability level may be sufficient
Static Strength	5.0	8.4	10.7	>	Current ability level is likely sufficient
Extent Flexibility	4.8	7.9	9.5	>	Current ability level is likely sufficient
Rate Control	3.8	7.1	6.3	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 82
<b>Focus Occupation: Roustabouts, Oil and Gas (47-5071)</b> <b>Associated Occupation: Maintenance Workers, Machinery (49-9043)</b>		
Work Activities	Exclusivity of Activity	
Adhere to safety procedures	12	
Construct, erect, or repair wooden frameworks or structures	73	
Erect scaffold	56	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Move or fit heavy objects	8	
Use basic carpentry techniques	62	
Use hand or power tools	2	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 69
<b>Focus Occupation: Roustabouts, Oil and Gas (47-5071)</b> <b>Associated Occupation: Maintenance Workers, Machinery (49-9043)</b>		

<b>Tools and Technologies</b>	<b>Exclusivity</b>
Computers	1
Content authoring and editing software	1
Dispensing tools	6
Face and head protection	7
Fall protection	16
Forming tools	2
Hearing protectors	12
Holding and clamping tools	3
Ladders and scaffolding	6
Lifting equipment and accessories	3
Pneumatic tools	8
Power tools	2
Respiratory protection	6
Vision protection and accessories	3
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.